

IN THE CLAIMS:

Please amend claims 1, 3 and 6 as shown below, in which deleted terms are shown with strikethrough and added terms are shown with underscoring. Also, please add claims 8-10 as shown.

1. (Currently amended) A seat position detection unit equipped with a slide mechanism that allows a seat to slide with respect to a floor, the seat position detection unit comprising:

a position sensor attached to one of a stationary member and a movable member that constitute the slide mechanism;

a detecting object, which is detected by the position sensor, and which is disposed at the other of the stationary member and the movable member; and

~~an~~ a mounting member, which mounts the stationary member to the floor, wherein one of the position sensor and the detecting object that is attached to the stationary member is united with the mounting member.

2. (Original) A seat position detection unit according to claim 1, wherein

the position sensor is attached to one of the stationary member and the movable member through a connection member, wherein

the connection member has a protector which protects the position sensor.

3. (Currently amended) A seat position detection unit according to claim 1, wherein

the position sensor is attached to the movable member through a connection member, which has a protector that protects the position sensor, and wherein

the detecting object is connected to the stationary member through the ~~attaching~~ mounting

member, and wherein

the surface of the connection member, the ~~attaching~~ mounting member, and the detecting object are covered with a resin.

4. (Original) A seat position detection unit comprising:

a movable member, which is attached to a bottom of a seat so that the movable member is located along the fore-and-rear directions with respect to the seat;

a stationary member, which is put together with the movable member and allows the seat to slide along the stationary member;

a mounting member, which mounts the stationary member to a floor;

a position sensor, which is attached to the movable member; and

a detecting object, which is detected by the position sensor, and is disposed at the stationary member,

wherein the detecting object and the mounting member are provided as a single piece.

5. (Original) A seat position detection unit according to claim 4, wherein

the position sensor is attached to the movable member through a connection member, and wherein

the connection member has a protector, which protects the position sensor.

6. (Currently amended) A seat position detection unit according to claim 5, wherein

the stationary member is provided along the fore-and-rear directions of the seat, and

wherein the seat position detection unit includes two of the mounting members, ~~member includes~~

a first mounting member that mounts the stationary member to the floor at the fore-side end of the stationary member, and

a second mounting member that mounts the stationary member to the floor at the rear-side end of the stationary member, and wherein

the first mounting member and the detecting object are provided as a the single piece.

7. (Original) A seat position detection unit according to claim 6, wherein the surface of the mounting member and the connection member are covered with a resin.
8. (New) A seat position detection unit according to claim 1, wherein the mounting member united with one of the position sensor and the detecting object that is attached to the stationary member with a single fastener.
9. (New) A seat position detection unit according to claim 4, wherein the single piece is attached to the stationary member with a single fastener.
10. (New) A seat position detection unit according to claim 1, wherein the mounting member united with one of the position sensor and the detecting object is a single piece.